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> Attorney Docket No. | SPARKOLOR 01-005 David A.G. Deacon First Inventor WAVELENGTH TUNABLE OPTICAL COMPONENTS.

> > Assistant Commissioner for Patents

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS ADDRESS TO: Box Patent Application See MPEP chapter 600 concerning utility patent application contents. Washington, DC 20231 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or (Suluntt in original and a displicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) Specification [Total Pages (preferred arrangement set forth below) 51 3. LX Computer Readable Form (CRF) - Descriptive title of the invention b. Specification Sequence Listing on: - Cross Reference to Related Applications i. CD-ROM or CD-R (2 copies); or - Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, ii. paper or a computer program listing appendix - Background of the Invention Statements verifying identity of above copies Brief Summary of the Invention
 Brief Description of the Drawings (if filed) ACCOMPANYING APPLICATION PARTS - Detailed Description 9. X Assignment Papers (cover sheet & document(s)) - Claim(s) Power of 37 CFR 3.73(b) Statement - Abstract of the Disclosure Attorney (when there is an assignee) 4. X English Translation Document (if applicable) Drawing(s) (35 U S C. 113) { Total Sheets X Copies of IDS Citations Information Disclosure 5. Oath or Declaration [Total Pages Statement (IDS)/PTO-1449 Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed) Preliminary Amendment a. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) Certified Copy of Priority Document(s) (if foreign priority is claimed) DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR Request and Certification under 35 U.S.C. 122 1 63(d)(2) and 1 33(b) (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Application Data Sheet. See 37 CFR 1.76 17. X Other: Cert. of Mailing Che 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76. Continuation Divisional Continuation-in-part (CIP) of pnor application No Prior application information: Examme Group Art Unit For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 29323 X Customer Number or Bar Code Label Name Ralph Veseli Sparkolor Corporation 2230 Martin Avenue Address 95050 Santa Clara CA Zip Code City State

33,807 Name (Print/Type) Ralph Veseli Registration No. (Attorney/Agent) 11/08/2001 Signature Date Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief information Officer, U.S. Patent and Trademark Office, Washington, DC

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The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES				
Deposit Account 50-2007	Large Entity Small Entity Fas Fee Fee Fee Fee Code (\$) Code (\$)	Fee Paid			
Number 50-2007	105 130 205 65 Surcharge - late filling fee or oath				
Deposit Account Name Ralph Veseli	127 50 227 25 Surcharge - late provisional filing fee or cover sheet				
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	139 130 139 130 Non-English specification				
	147 2,520 147 2,520 For filing a request for ex parte reexamination				
Applicant claims small entity status See 37 CFR 1.27	112 920* 112 920* Requesting publication of SIR prior to Examiner action	İ			
2. Payment Enclosed: Check Credit card Money Other	113 1.840* 113 1.840* Requesting publication of SIR after Examiner action				
U Order U U	115 110 215 55 Extension for reply within first month				
FEE CALCULATION	116 380 216 190 Extension for reply within second month				
1. BASIC FILING FEE	117 870 217 435 Extension for reply within third month				
Large Entity Small Entity Fee Fee Fee Fee Description	118 1,360 218 680 Extension for reply within fourth month				
Code (\$) Code (\$) Fee Paid	128 1,850 228 925 Extension for reply within fifth month				
101 690 201 345 Utility filing fee 370	119 300 219 150 Notice of Appeal				
106 310 206 155 Design filing fee	120 300 220 150 Filing a brief in support of an appeal				
107 480 207 240 Plant filing fee	121 260 221 130 Request for oral hearing				
108 690 208 345 Reissue filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding				
114 150 214 75 Provisional filing fee	140 110 240 55 Petition to revive - unavoidable				
SUBTOTAL (1) (\$) 370	141 1,210 241 605 Petition to revive - unintentional				
2. EXTRA CLAIM FEES	142 1,210 242 605 Utility issue fee (or reissue) #	,			
Fee from Extra Claims below Fee Paid	143 430 243 215 Design issue fee				
Total Claims 60 -20* = 40 x 9 = 360	144 580 244 290 Plant issue fee				
Independent 7 - 3** = 4 x 42 = 168	122 130 122 130 Petitions to the Commissioner				
Multiple Dependent =	123 50 123 50 Petitions related to provisional applications				
**or number previously paid, if greater; For Reissues, see below	126 240 126 240 Submission of Information Disclosure Stmt				
Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)	40			
103 18 203 9 Claims in excess of 20	146 690 246 345 Filing a submission after final rejection (37 CFR § 1.129(a))				
102 78 202 39 Independent claims in excess of 3 104 260 204 130 Multiple dependent claim, if not paid	149 690 249 345 For each additional invention to be examined (37 CFR § 1 129(b))				
109 78 209 39 ** Reissue independent claims	179 690 279 345 Request for Continued Examination (RCE)				
over original patent 110 18 210 9 ** Reissue claims in excess of 20	169 900 169 900 Request for expedited examination				
and over onginal patent	of a design application				
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SUBTOTAL (2) (\$) 528 Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40					
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